Frame 22 (First Set)



Frame 107



Frame 141



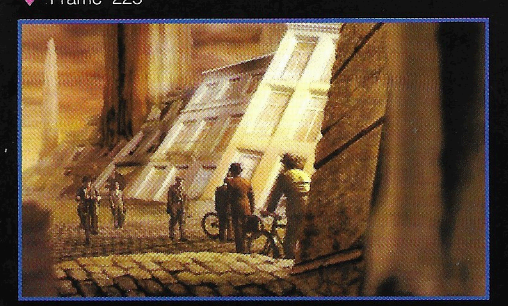
Frame 182



Frame 208



Frame 225



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DIGITAL FILM COMPOSITING SYSTEM DEVELOPED BY THE BIBO GROUP

High Resolution Technology For Motion Picture Post-Production

Digital technology is revolutionizing the art and science of motion picture production. BIBO is at the forefront of this technology, both in its development and use in production.

A digital pan from the feature length film "Taxandria":

During post-production the director wished to add a dramatic dimension to this scene by panning the camera from one set on the right to the other on the left. Seven live action shots were scanned from 35mm film and combined with miniatures, computer-generated elements, and retouched mattes to create this post-production digital pan.

Kloster on his way to Aimee's house - Panoramic View of the SIMULATED "Master Set"



Frame 320 (Second Set)



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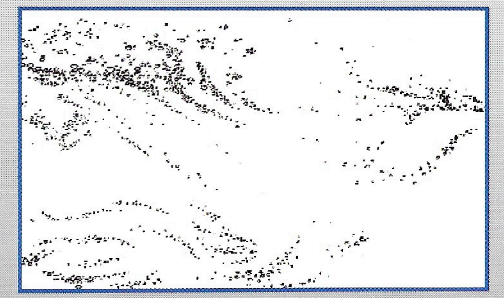
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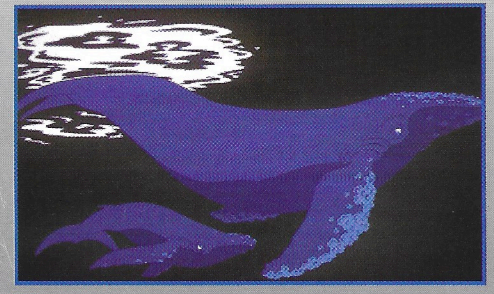
DIGITAL FILM COMPOSITING SYSTEM DEVELOPED BY THE BIBO GROUP

High Resolution Technology For Motion Picture Post-Production

Drawn Bubbles



Flat-colored Whales



Painted Overlay



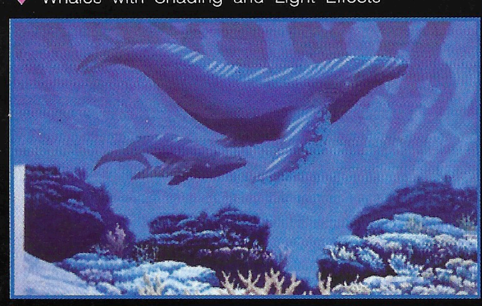
Computer-generated Water Surface



Whales over Water



Whales with Shading and Light Effects



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A shot from the animated film "Dreamsinger":

Simple line drawings and flat colors provided by the animation department are transformed into a photorealistic animation sequence.

Smooth and soft colored shading was first applied to the whales, then rippling light patterns were added to their backs. The underwater garden was split into multiple levels which were spatially recombined to simulate camera motion and create the desired atmosphere for each scene.

Swimming in the Underwater Garden



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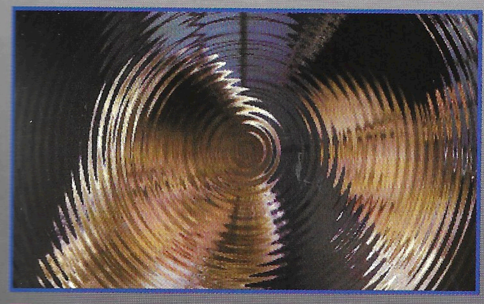
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Matting

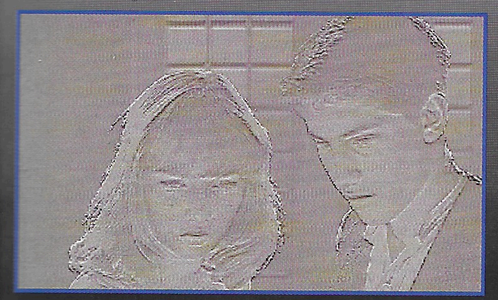
Replication



Radial Rippling



Embossing



Nose Job



Dimensional Rotation



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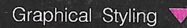
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A peek into our Digital Film Effects Library:

A wide variety of digital manipulation techniques opens the door to innovative ways of working with motion-picture images. Advanced animation tools enable us to control and adjust the application of effects over time. High-resolution processing assures theatrical quality output.



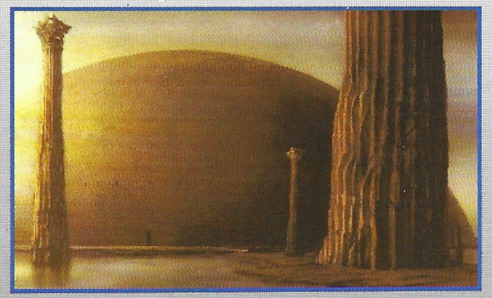
Graphical Styling



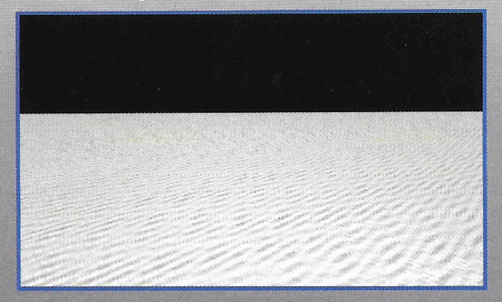


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Painted Background



Computer-generated Water effect



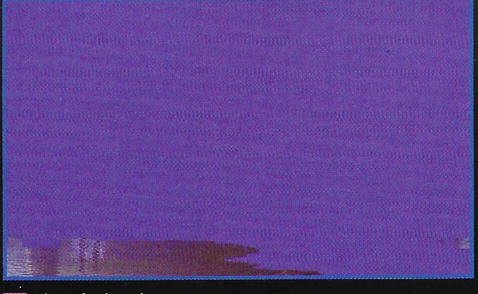
Computer-generated Sky



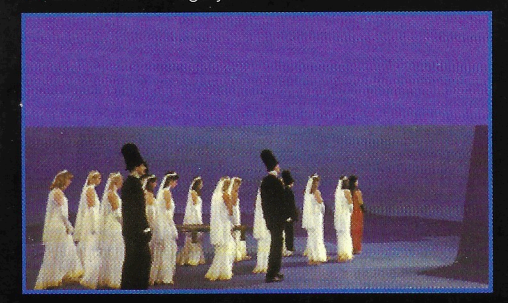
Simulated Reflection



Matted Reflection



Live Action Imagery



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A shot from the feature length film "Taxandria":

Computer-generated water and sky animations enhance the depth of hand-painted backgrounds, creating a surrealistic environment for the live action.

Both live action and background levels were scanned in high resolution from 35mm film. Live-action elements were digitally scaled, mirrored, and rippled to create the simulated reflection in the water.

View of the procession in front of the Garden of Mirth



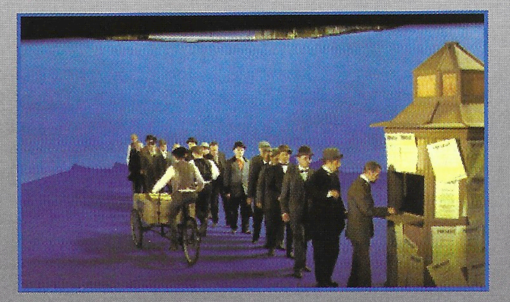


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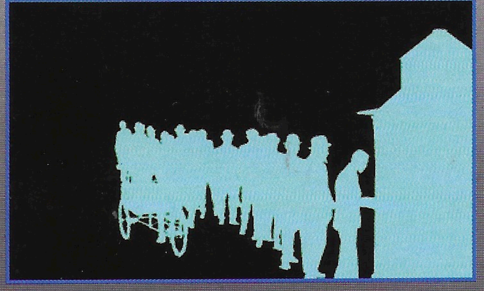
Painted Background



Live Action Imagery



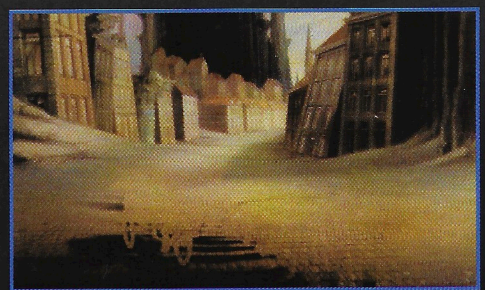
Digital Matte



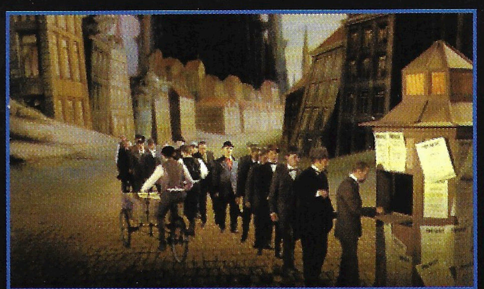
Digital Shadow Matte



Shadows on Background



Live Action on Background



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High Resolution Technology For Motion Picture Post-Production

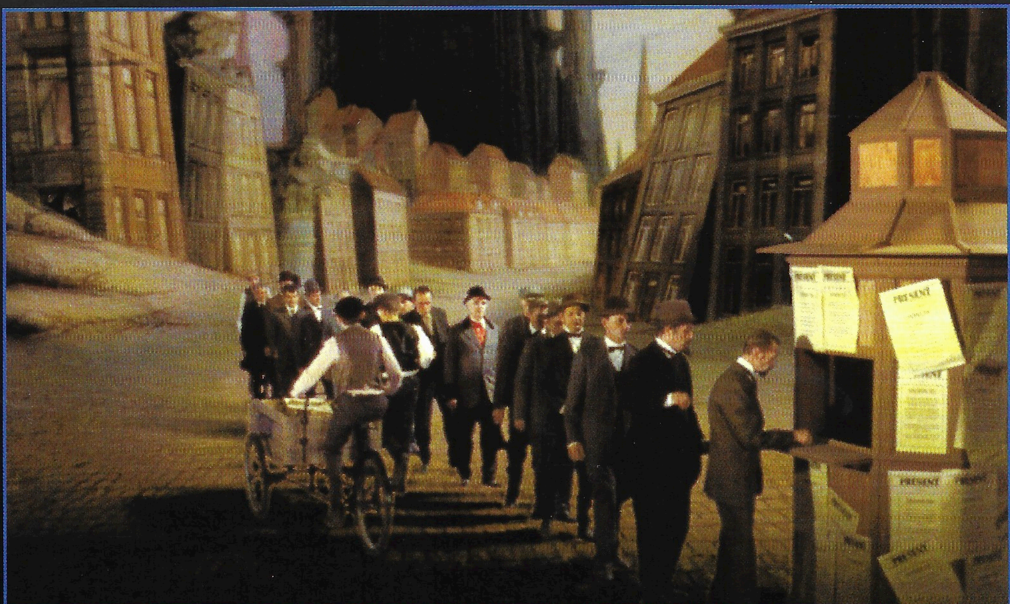
Digital technology is revolutionizing the art and science of motion picture production. BIBO is at the forefront of this technology, both in its development and use in production.

A shot from the feature length film "Taxandria":

Toccata's digital keyer simultaneously separated each live action frame into character and shadow elements. In this way, the original shadows cast on the set during shooting were faithfully reproduced on the painted backgrounds.

Independent control of density and softness for the shadow, as well as color and contrast for each element, allowed a harmonious blend to be crafted.

Queueing for "The Present", the local newspaper



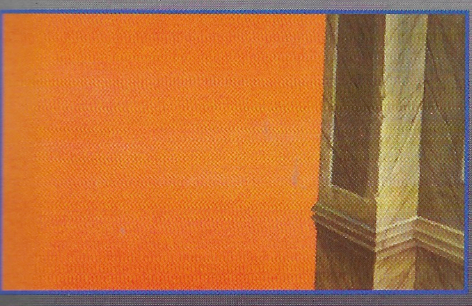


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Live Action Imagery



Painted Background



Painted Overlay



Digital Matte



Detail of Matte



Detail of Composite

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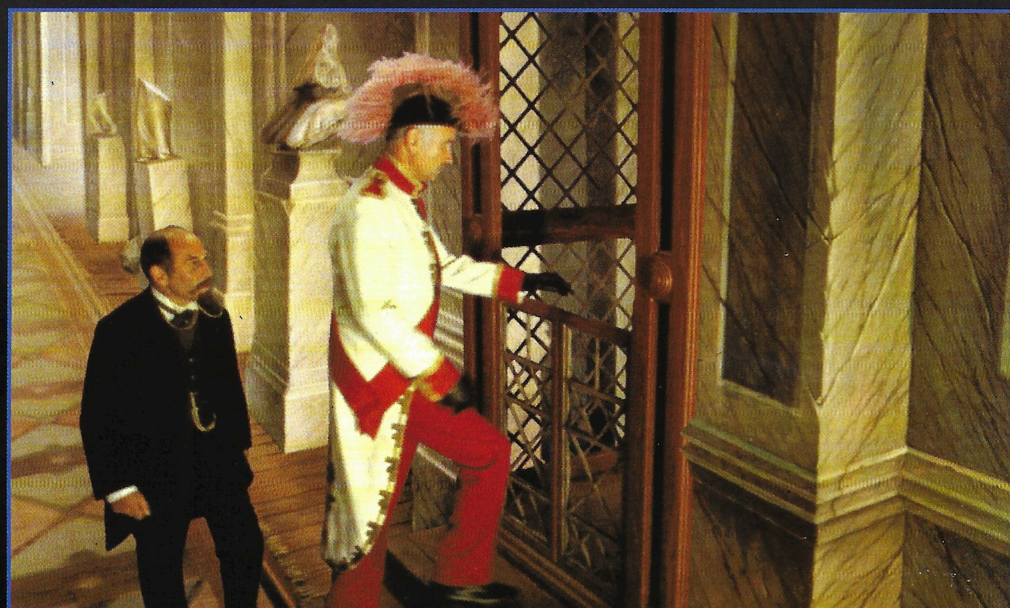
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A shot from the feature length film "Taxandria":

High resolution scanning and digital soft-edged matting were used to place Armin Mueller-Stahl on a painted background. Traditional film optical effects techniques have difficulty with finely detailed images such as the feathered hat.

Entering the Manual Elevator in Phillipus-VII/VIII's palace





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